



**STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION**

**BUREAU OF ENGINEERING**  
SUITE 700, JAMES K. POLK BUILDING  
505 DEADERICK STREET  
NASHVILLE, TENNESSEE 37243-1402  
(615) 741-0791

**JOHN C. SCHROER**  
COMMISSIONER

**BILL HASLAM**  
GOVERNOR

TO: Chuck Rychen  
Assistant Chief Engineer of Operations

FROM: Brad Freeze, Director of Traffic Operations


SUBJECT: **Proprietary Item Request and Justification**  
**City of Athens**

**Traffic Signal Controllers:** The City of Athens is requesting that Eagle EPAC controllers be used in all signalization projects within the City over the next three years where Federal and/or State funding are used. The following are justification items for this request:

The City of Athens maintains 26 signalized intersections and all 26 signalized intersections are comprised of Eagle EPAC controllers. The Eagle EPAC controller is required to provide full synchronization including extended function and capabilities. The City of Athens maintains an inventory of parts for Eagle EPAC controllers and has a staff that has been extensively trained to install, operate, maintain, program, and troubleshoot Eagle EPAC controllers. These products reduce the time required to maintain the system overall and help keep the system operational during heavy traffic times to ensure maximum capacity of this synchronized system. By utilizing this equipment as the standard for the City, there will be a cost savings in stocking replacement equipment which will result in faster and less costly repairs for the future overall.

I, Brad Freeze, Director of the Traffic Operations Division of the Tennessee Department of Transportation, do hereby certify that in accordance with the requirements of 23 CFR 635.411(a) (2) that the patented or proprietary items listed above are essential for the synchronization of existing facilities.

  
\_\_\_\_\_  
Recommend for Approval

  
\_\_\_\_\_  
Assistant Chief Engineer of Operations

  
\_\_\_\_\_  
Date

219 Alford Street  
P.O. Box 849  
Athens, Tennessee 37371-0849

Phone 423-744-2778  
Fax 423-744-2772  
[ajohnston@cityofathenstn.com](mailto:ajohnston@cityofathenstn.com)



Public Works Department  
Street Division

November 28, 2016

Mr. Stephen Bryan, P.E.  
Traffic Operation Division, Traffic Engineer  
Tennessee Department of Transportation  
James K. Polk Bldg., 12<sup>th</sup> Floor  
505 Deaderick St.  
Nashville, TN 37243

RE: City of Athens Traffic Signal Projects (Traffic Signal Controllers)

Dear Mr. Bryan:

The City of Athens requests a certification to specify the Eagle EPAC traffic signal controllers to be used in the signalization component of projects within the City of Athens's control and maintenance over the next 3 years using federal or state funds. The use of the EPAC controller is for full synchronization capabilities within the existing traffic signal network. All of the 26 traffic signals located and maintained within the City of Athens have Eagle EPAC Controllers. Our Inventory of existing equipment is comprised of the Eagle EPAC Controllers, parts, and our Traffic Control Foreman has undergone extensive training on the maintenance and troubleshooting of this system.

Thank you for your consideration of this request to better serve the citizens of Clarksville with increased safety and efficiency through normal operations and maintenance activities. If you have any questions, please feel free to contact me at 423-744-2778.

Sincerely,

April Johnston  
Street Superintendent  
City of Athens  
Public Works Department